

US-Mexico Workshop: **Application of Innovative Technologies to** **Water Issues on the Border** ***Radisson Hotel, La Jolla, California***

September 25th – 27th, 2002

Radisson Hotel La Jolla

3299 Holiday Court

Phone (858)453-5500

OBJECTIVE

The objective of this workshop is to identify promising topics for bi-national technical collaborations related to water issues on the US-Mexico border. Topics will be prioritized based on severity of needs and on maturity of potential technology solutions.

Workshop discussion summaries will be used as the basis for a Concepts Report detailing the potential joint projects.

FORMAT

The five topical sessions each consist of two speakers, and discussion will be held until after both presentations are complete. Presentations will address issues such as resource environment, political environment, technology options, and summary bottom line of key needs. Jessica Glicken-Turnley will facilitate discussion sessions for brainstorming and prioritizing topics for collaboration.

Organized by  **Sandia National Laboratories** and  **The United States-Mexico Foundation for Science**

With the assistance of



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Consejo Nacional de Ciencia y Tecnología

US-Mexico Workshop: **Application of Innovative Technologies to** **Water Issues on the Border** ***Radisson Hotel, La Jolla, California***

Wednesday, September 25, 2002

6:30 pm Reception – Rose Room

7:00 pm Dinner – San Clemente/Tecolote Rooms

Thursday, September 26, 2002

Executive Room

8:00 am Continental Breakfast

8:30 am Introductions, Agenda & Objectives

9:00 am Session 1: Salt Water Intrusion

To include synopsis of the Ensenada coastal aquifer situation and technologies for water resource management.

**9:00 Mexican Perspective – Dr. Luis Walter Daessle Heuser, UABC;
and M.Sc. Carlos Gutiérrez Ojeda, IMTA**

9:30 U.S. Perspective – Dr. Erik K. Webb, SNL Geohydrology Department

10:00 Discussion – Q&A session, list of things we want to do together, prioritization

11:00 am Break

11:30 am Session 2: Desalination Technologies

To include current approaches and new technologies for cost-effective desalination

**11:30 Mexican Perspective – Dr. Rafael Enrique Cabanillas López,
University of Sonora; and Dr. Felipe Correa Díaz, UABC**

**12:00 U.S. Perspective – Dr. Thomas E. Hinkebein, SNL Desalination Technology
Program Lead**

12:30 Discussion – Q&A session, list of things we want to do together, prioritization

1:30 pm Lunch – In the Grove Room

3:00 pm Session 3: Agriculture

*To include protected agriculture, food protection, advanced irrigation,
brackish water-resistant crops*

3:00 U.S. Perspective – Darryl Drayer, SNL Agriculture Program Manager

**3:30 Mexican Perspective – Dr. Hector Manuel León Gallegos, State Government of
Chihuahua; and M.Sc. Efen Peña Peña, IMTA**

4:00 Discussion – Q&A session, list of things we want to do together, prioritization

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Radisson Hotel, La Jolla, California

Thursday, September 26, 2002, continued

5:00 pm Adjourn

7:00 pm Group Dinner at Rock Bottom Brewery

Friday, September 27, 2002

Executive Room

8:00 am Continental breakfast

8:30 am Session 4: Wastewater Treatment Issues and Technologies

To include the case of a small community on the border with water/wastewater treatment needs and solutions that are low-cost and easy to operate and maintain.

**8:30 Mexican Perspective – Dr. Adalberto Noyola, UNAM,
and Ing. Rodrigo Rios, UACJ**

9:00 U.S. Perspective – Gray Lowrey, SNL BNSL Planning Team

9:30 Discussion – *Q&A session, list of things we want to do together, prioritization*

10:00 Break

10:15 am Session 5: Arsenic Treatment

To include cost-effective treatment to reduce arsenic in drinking water.

10:15 U.S. Perspective – Dr. Larry Bustard, SNL Water Treatment Technologies

10:45 Mexican Perspective – M.Sc. Carlos Gutiérrez Ojeda, IMTA

11:15 Discussion – *Q&A session, list of things we want to do together, prioritization*

11:45 am Break

12:00 pm Action Items

1:00 pm Adjourn

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